

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|--------------------------|--------------|
| TOTAL CLAIMS | 27 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 27 minus 20= | * 7 |
| INDEPENDENT CLAIMS | 5 minus 3 = | * 2 |
| MULTIPLE DEPENDENT CLAIM PRESENT | <input type="checkbox"/> | |

SMALL ENTITY
TYPE OR OTHER THAN
SMALL ENTITY

| | | | |
|-----------|--------|-----------|--------|
| RATE | Fee | RATE | Fee |
| BASIC FEE | 355.00 | BASIC FEE | 710.00 |
| X\$ 9= | 63 | X\$18= | |
| X40= | 80 | X80= | |
| +135= | | +270= | |
| TOTAL | 498 | TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|---|---|------------------|---|
| | Total | * | Minus | ** | = |
| Independent | * | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/> | | | | |

SMALL ENTITY OR OTHER THAN
SMALL ENTITY

| | | | |
|------------------|------------------------|------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | |

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|---|---|------------------|---|
| | Total | * | Minus | ** | = |
| Independent | * | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/> | | | | |

| | | | |
|------------------|------------------------|------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | |

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|---|---|------------------|---|
| | Total | * | Minus | ** | = |
| Independent | * | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | <input type="checkbox"/> | | | | |

| | | | |
|------------------|------------------------|------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | | |
|----------------------------------|--|--------------|--------------------------|
| TOTAL CLAIMS | | | |
| FOR | | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | | minus 20 = | * |
| INDEPENDENT CLAIMS | | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | SMALL ENTITY | | OTHER THAN SMALL ENTITY | |
|--|---|-------|---|------------------|--------------|------------------------|----------------------------|------------------------|
| | | | | | RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| Total | * 27 | Minus | ** 27 | = — | | | | |
| Independent | * 5 | Minus | *** 5 | = — | | | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | | | |

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | SMALL ENTITY | | OTHER THAN SMALL ENTITY | |
|--|---|-------|---|------------------|--------------|------------------------|----------------------------|------------------------|
| | | | | | RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| Total | * — | Minus | ** — | = — | | | | |
| Independent | * — | Minus | *** — | = — | | | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | | | |

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | SMALL ENTITY | | OTHER THAN SMALL ENTITY | |
|--|---|-------|---|------------------|--------------|------------------------|----------------------------|------------------------|
| | | | | | RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| Total | * — | Minus | ** — | = — | | | | |
| Independent | * — | Minus | *** — | = — | | | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | | | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

| | | |
|-------------------|--------------------------|-------------------------|
| SMALL ENTITY TYPE | <input type="checkbox"/> | OTHER THAN SMALL ENTITY |
| RATE | Fee | RATE |
| BASIC FEE | 370.00 | BASIC FEE |
| X\$ 9= | | X\$18= |
| X42= | | X84= |
| +140= | | +280= |
| TOTAL | | TOTAL |

| | | |
|------------------|--------------------------|-------------------------|
| SMALL ENTITY | <input type="checkbox"/> | OTHER THAN SMALL ENTITY |
| RATE | ADDI- TIONAL FEE | RATE |
| X\$ 9= | | X\$18= |
| X42= | | X84= |
| +140= | | +280= |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE |

| | | |
|------------------|--------------------------|-------------------------|
| SMALL ENTITY | <input type="checkbox"/> | OTHER THAN SMALL ENTITY |
| RATE | ADDI- TIONAL FEE | RATE |
| X\$ 9= | | X\$18= |
| X42= | | X84= |
| +140= | | +280= |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE |

| | | |
|------------------|--------------------------|-------------------------|
| SMALL ENTITY | <input type="checkbox"/> | OTHER THAN SMALL ENTITY |
| RATE | ADDI- TIONAL FEE | RATE |
| X\$ 9= | | X\$18= |
| X42= | | X84= |
| +140= | | +280= |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE |